

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!
Be energy efficient!*

July 25, 2012

07-LA-5-4.0/5.9

07-215944

Project ID 0700001834

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY IN NORWALK FROM 0.4 MILE SOUTH OF SAN ANTONIO DRIVE UNDERCROSSING TO 0.7 MILE NORTH OF PIONEER BOULEVARD UNDERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Thursday, August 9, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Bid book.

Project Plan Sheets 2, 11, 12, 13, 14, 19, 22, 23, 36, 45, 46, 51, 70, 71, 72, 73, 74, 75, 76, 107, 108, 109, 110, 111, 117, 127, 129, 132, 133, 169, 170, 186, 295, 311, 312, 313, 330, 333, 336, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 554, 555, 556, 557, 558, 559, 560, 561, 562, 597, 607, 608, 611, 680, 681, 682, 687, 688, 689, 690, 712, 746, 782, 786, 1094, 1099 and 1160 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 151A, 186A, 215A, 215B and 274A are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 5-1.18, "NONHIGHWAY FACILITIES (INCLUDING UTILITIES)," is revised as attached.

In the Special Provisions, Section 10-1.20, "RIGHT OF WAY OBSTRUCTIONS," is revised as attached.

In the Special Provisions, Section 10-1.245, "IMPACT ATTENUATOR VEHICLE," is added as attached.

Addendum No. 1
Page 2
July 25, 2012

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In the Bid book, in the "Bid Item List," Items 50, 66, 71, 77, 78, 82, 83, 86, 101, 102, 104, 125, 126, 132, 133, 145, 150, 173, 175, 176, 178, 179, 182, 188, 199, 201, 202 and 223 are revised as attached.

To Bid book holders:

Replace pages 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 of the "Bid Item List" in the Bid book with the attached revised pages 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-215944

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

5-1.18 NONHIGHWAY FACILITIES (INCLUDING UTILITIES)

The utility owner will relocate a utility shown in the following table before the corresponding date shown:

Utility Relocation and Date of the Relocation		
Utility	Location	Date
Verizon - Overhead line	South I-5, from Station 211+00 to 219+00 (I-5 Alignment)	7/30/2013(Finish)
Verizon - Overhead line	North I-5, from Station 218+50 to 219+50 (I-5 Alignment)	4/30/2013 (Finish)
Verizon _ 6" Du	On Pioneer Blvd, from Station 15+00 to 26+00 (Pioneer Alignment)	4/30/2013 (Finish)
Verizon _ 2 poles	On Imperial Hwy at Zeus Ave	6/15/2013 (Finish)
Verizon – 20 Poles	On Mondon Ave, From Station 280+00 to Station 305+00 (I-5 Alignment)	12/30/2013 (Finish)
AT&T – Overhead line	North I-5, from Station 211+00 to 220+00 (I-5 Alignment)	5/30/2013 (Finish)
Charter Communications – Overhead line	South I-5, From Station 211+00 to Station 216+50 (I-5 Alignment)	8/30/2013 (Finish)
Charter Communications – Overhead line	North I-5, From Station 211+00 to Station 220+00 (I-5 Alignment)	6/30/2013 (Finish)
Charter Communications – Overhead line	On Union St, From Station 1+50 to Station 10+00 (Union St. Alignment)	1/30/2013 (Finish)
Charter Communications – Overhead line	South I-5, From Station 245+00 to Station 259+00 (I-5 Alignment)	7/30/2013 (Finish)
Charter Communications – Overhead line	North I-5, From Station 246+00 to Station 257+00 (I-5 Alignment)	8/30/2013 (Finish)
Charter Communications – Overhead line	North I-5, From Station 264+00 to Station 272+00 (I-5 Alignment)	8/30/2013 (Finish)
Charter Communications – Buried cable	On Imperial Hwy, From Station 16+00 to Station 28+00 (Norwalk Alignment)	12/30/2012 (Finish)
Charter Communications – Overhead line	South I-5, From Station 273+50 to Station 275+50 (I-5 Alignment)	3/30/2013 (Finish)
Charter Communications – Overhead line	South I-5, From Station 296+50 to Station 298+50 (I-5 Alignment)	9/30/2013 (Finish)
Charter Communications – Overhead line	South I-5, From Station 304+50 to Station 306+50 (I-5 Alignment)	9/30/2013 (Finish)
Golden State Water Company (GSW) – 6" CI waterline	On Norwalk Blvd, From Station 16+50 to Station 22+00 (Norwalk Alignment)	11/30/2013 (Finish)
Golden State Water Company (GSW) – 8" waterline in 14" casing	Crossing I-5 at Station 245+00 (I-5 Alignment) and within proposed north I-5 R/W	10/15/2013 (Finish)
Golden State Water Company (GSW) – 8" CI waterline	South I-5 and crossing I-5 at Station 276+25 (I-5 Alignment)	1/30/2013 (Finish)
Golden State Water Company (GSW) – 4" waterline	South I-5, on Dune St, Gem St, Hercules St, Allard St, Jersey Ave, Beaty St, and Tina St	10/30/2013 (Finish)
Golden State Water Company (GSW) – 8" waterline in 14" casing	Crossing I-5 at Station 294+00	10/30/2013 (Finish)
Southern California Edison - 7 Distribution poles	North side I-5, between Station 211+00 to 221+00	3/30/2013(Finish)
Southern California Edison - 8 Distribution poles	South side I-5, between Station 211+00 to 221+00	6/30/2013 (Finish)

Southern California Edison - 7 Distribution poles	On Adoree St, between Norwalk Blvd and Paddison Ave	1/30/2014 (Finish)
Southern California Edison - 4 Distribution poles	South I-5, along Union St	12/30/2012 (Finish)
Southern California Edison - 15 Distribution poles	South I-5, from Station 244+00 to Imperial Hwy	6/30/2013 (Finish)
Southern California Edison - 9 Distribution poles	North I-5, from Paddison Ave to Imperial Hwy	7/30/2013 (Finish)
Southern California Edison - 6 Distribution poles	North I-5, Imperial Hwy to Pioneer Blvd	7/30/2013 (Finish)
Southern California Edison - 4 Distribution poles	South I-5, from Pioneer Blvd to Spry St	2/28/2013 (Finish)
Southern California Edison - 22 Distribution poles	South I-5, from Spry St to Orr and Day St	8/30/2013 (Finish)
Southern California Edison - 4 Distribution poles	North I-5, from Pioneer Blvd to Orr and Day OH	12/30/2012 (Finish)
Southern California Edison- 4" Du _ Protect in Place	On Imperial Hwy	12/30/2012 (Finish)
Southern California Edison- 6" Du _ Protect in Place	On Pioneer Blvd	12/30/2012 (Finish)
Southern California Edison - 8 Transmission poles	On Pioneer Blvd	12/30/2013 (Finish)
Crimson Pipeline-8" _ To be lowered	On Imperial Hwy	12/30/2012 (Finish)
SCG-2" Gas line	South I-5, on Delavan Av, Esmond Ave	12/30/2012 (Finish)
SCG-2" Gas line	North I-5, on Adoree St and Paddison Ave, from Station 245+00 to 250+50 (I-5 Alignment)	6/30/2012 (Finish)
SCG-2" Gas line	South I-5, on Union St from Station 235+00 to 246+00 (I-5 Alignment)	2/28/2013 (Finish)
SCG-4" Gas line	On Norwalk Blvd	6/30/2013 (Finish)
SCG-6" Gas line _ Protect in Place	On Imperial Hwy	12/30/2012 (Finish)
SCG-4" Gas line	On Pioneer Blvd, from Station 14+00 to 23+00	12/30/2012 (Finish)
SCG-2" Gas line	South I-5, on Dune St, Gem St, Hercules St, Allard St, Jersey Ave, Beaty St, and TinaSt	6/30/13 (Finish)
SCG-2" Gas line	South I-5, on Dollison Dr, various locations from Station 283+00 to 301+00 (I-5 Alignment)	12/30/2013 (Finish)
Exxon Mobil - 6" idle oil line	On Pioneer Blvd, from Station 15+00 to 25+00 (Pioneer Alignment)	12/20/2012 (Finish)
Shell Pipeline - 3" Abn oil line	On Pioneer Blvd, from Station 15+00 to 25+00 (Pioneer Alignment)	12/20/2012 (Finish)
Fire Hydrants	On Delavan and Esmond Ave CDS	12/20/2012 (Finish)

During the progress of the work under this Contract, the utility owner will relocate a utility shown in the following table within the corresponding number of days shown. Notify the Engineer before you work within the approximate location of a utility shown. The days start on the notification date.

Utility Relocation and Department-Arranged Time for the Relocation

Utility	Location	Days
Shell Pipe – 8" Abn oil line _ Removed	On Pioneer Blvd	90 days
Shell Pipe – 3" Abn oil line _ Removed	On Pioneer Blvd	90 days
Golden State Water Company (GSW) – 8" CI waterline	On Adoree St, from Station 10+00 to 23+00 (Adorre Alignment) and Paddison Ave from Station 4+00 to 8+00 (Paddison Alignment)	60 days
Golden State Water Company (GSW) – 8" CI waterline	Along Union St from Station 235+00 to 245+00 (I-5 Alignment)	60 days
Golden State Water Company (GSW) – 8" CI waterline	Along Dollison Dr, from Station 281+00 to 296+00 and from Station 302+00 to 305+00 (I-5 Alignment)	60 days

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

1. Verified by a representative of the utility company
2. Allowing at least the time shown for the utility owner to complete its work

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Utility Address	Location	Days
Paramount Petroleum – 6" oil line _ To be lowered	14700 Downey Ave. Paramount, CA 90723	On Norwalk Blvd, from Station 13+00 to 26+00 (Norwalk Alignment)	90 days
Verizon/AT&T 6 – 3.5" ACD _Protect in Place	12905 E. Los Nietos Canyon Road Santa Fe Springs, CA 90670	From Station 13+00 to Station 26+00 (Norwalk Blvd Alignment)	60 days
Verizon/AT&T 6 – 3.5" ACD _Protect in Place	12905 E. Los Nietos Canyon Road Santa Fe Springs, CA 90670	On Imperial Hwy	60 days
Golden State Water Company (GSW) – 12" waterline _ Protect in Place	1920 W. Corporate Way Anaheim, CA 92801	On Imperial Hwy	60 days
City of Norwalk – 36 Street lights	Coordinate with SCE	Various locations	90 days

To allow pile driving, drilling activities, or subsurface construction, the utility owner will rearrange the utilities shown in the following table during construction activities. No other utility will be rearranged or temporarily deactivated before or during construction activities for this purpose unless you make arrangements with the utility owner. Notify the Engineer at least 30 days before the interfering utilities are to be rearranged. The Engineer notifies the utility owners.

Utility Rearrangement for Pile Driving, Drilling Activities, or Subsurface Construction

Utility	Location
Southern California Edison - 8 Transmission poles	On Pioneer Blvd

10-1.20 RIGHT OF WAY OBSTRUCTIONS

Attention is directed to the occupied improvements located within the right of way at:

Parcel No.	Description	Date Available
77639	Work Around Parcel	12/31/12
77641	Work Around Parcel	03/16/13
77642	Work Around Parcel	03/16/13
77643	Work Around Parcel	11/01/12
77645	Work Around Parcel	11/01/12
77646	Work Around Parcel	03/11/13
77649	Work Around Parcel	01/01/13
77657	Work Around Parcel	12/15/12
77686	Work Around Parcel	12/17/12
77687	Work Around Parcel	01/17/13
77713	Work Around Parcel	01/12/13
77714	Work Around Parcel	11/30/12
77721	Work Around Parcel	11/01/12
77722	Work Around Parcel	02/15/13
77731	Work Around Parcel	02/12/13
77732	Work Around Parcel	01/15/13
77736	Work Around Parcel	12/28/12
77739	Work Around Parcel	03/15/13
77740	Work Around Parcel	06/14/13
77742	Work Around Parcel	04/28/13
77744	Work Around Parcel	03/12/13
77750	Work Around Parcel	11/19/12
77751	Work Around Parcel	11/28/12
77768	Work Around Parcel	12/17/12
78979	Work Around Parcel	01/07/13
78990	Work Around Parcel	12/10/12
78991	Work Around Parcel	11/30/12
78999	Work Around Parcel	01/01/13
79010	Work Around Parcel	05/15/13
79033	Work Around Parcel	09/28/12
79034	Work Around Parcel	10/01/12
79037	Work Around Parcel	10/30/12
79043	Work Around Parcel	11/01/12
79044	Work Around Parcel	12/17/12

79045	Work Around Parcel	02/23/13
80029	Work Around Parcel	03/15/13
80030	Work Around Parcel	12/27/12
80036	Work Around Parcel	09/28/12
80037	Work Around Parcel	09/28/12
80039	Work Around Parcel	09/28/12
80042	Work Around Parcel	12/01/12
80045	Work Around Parcel	12/01/12
80050	Work Around Parcel	12/16/12
80051	Work Around Parcel	12/15/12
80053	Work Around Parcel	11/01/12
80055	Work Around Parcel	11/01/12
80063	Work Around Parcel	11/01/12
80065	Work Around Parcel	08/28/12
80066	Work Around Parcel	10/30/12
80067	Work Around Parcel	01/13/13
80070	Work Around Parcel	03/15/13
80072	Work Around Parcel	10/30/12
80073	Work Around Parcel	06/15/13
80074	Work Around Parcel	01/16/13
80075	Work Around Parcel	07/28/13
80084	Work Around Parcel	01/30/13
80085	Work Around Parcel	11/30/12
80086	Work Around Parcel	11/30/12
80163	Work Around Parcel	01/30/13
80167	Work Around Parcel	03/15/13
80194	Work Around Parcel	03/14/13
80195	Work Around Parcel	12/21/12
80199	Work Around Parcel	01/19/13

It is anticipated that these improvements will be vacated and removed by 07/28/2013.

The Contractor shall take no action that will result in unnecessary inconvenience, disproportionate injury or any action coercive in nature to the occupants of these improvements who have not yet moved from the improvements.

In the event that the improvements mentioned above are not removed by the date specified and, if in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of the improvements not being removed by the date specified, the State will compensate the Contractor for the delays to the extent provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

10-1.245 IMPACT ATTENUATOR VEHICLE

GENERAL

Summary

Work includes protecting traffic and workers by using impact attenuator vehicle as a shadow vehicle when placing and removing components of a traffic control system, and when performing a moving lane closure.

Comply with Section 12-3.03, "Flashing Arrow Signs," of the Standard Specifications.

Impact attenuator vehicle must comply with the following test levels under National Cooperative Highway Research Program 350:

1. Test level 3 for pre-construction posted speed limit of 50 mph or more
2. Test levels 2 or 3 for pre-construction posted speed limit of 45 mph or less

Comply with the attenuator manufacturer's recommendations for:

1. Support truck
2. Trailer-mounted operation
3. Truck-mounted operation

Definitions

impact attenuator vehicle: Support truck towing a deployed attenuator mounted to a trailer or support truck with a deployed attenuator mounted to the support truck.

Submittals

Upon request, submit a Certificate of Compliance for attenuator to the Engineer under Section 6-1.07, "Certificates of Compliance," of the Standard Specifications.

Quality Control and Assurance

Attenuator must be a brand listed on the Department's pre-approved list under Highway Safety Features at:

http://www.dot.ca.gov/hq/esc/approved_products_list/

MATERIALS

The combined weight of the support truck and the attenuator must be at least 19,800 pounds, except the weight of the support truck must not be less than 16,100 pounds or greater than 26,400 pounds.

If using the Trinity MPS-350 truck-mounted attenuator, the support truck must not have any underneath fuel tank mounted within 10'-6" of the rear of the support truck.

Each impact attenuator vehicle must:

1. Have standard brake lights, taillights, sidelights, and turn signals
2. Have an inverted "V" chevron pattern placed across the entire rear of the attenuator composed of alternating 4 inch wide non-reflective black stripes and 4 inch wide yellow retroreflective stripes sloping at 45 degrees
3. Have a Type II flashing arrow sign
4. Have a flashing or rotating amber light
5. Have an operable 2-way communication system for maintaining contact with workers

CONSTRUCTION

Use impact attenuator vehicle to follow behind equipment and workers who are placing and removing components of a traffic control system for a lane closure or a ramp closure. Flashing arrow sign must be operating in arrow mode during this activity. Follow at a distance to prevent intrusion into the workspace from passing traffic.

After placing components of a traffic control system for a lane closure or a ramp closure you may use impact attenuator vehicle in a closed lane and in advance of a work area to protect traffic and workers.

Use impact attenuator vehicle as a shadow vehicle under traffic control for a moving lane closure.

Secure objects including equipment, tools and ballast on impact attenuator vehicle to prevent loosening upon impact by an errant vehicle.

Do not use a damaged attenuator in the work. Replace, at your expense, an attenuator damaged from an impact during work.

MEASUREMENT AND PAYMENT

Full compensation for furnishing and operating impact attenuator vehicle is included in the contract lump sum price paid for traffic control system, and no additional compensation will be allowed therefor.

BID ITEM LIST**07-215944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	129,000		
42	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	480		
43	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	28,000		
44	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	890		
45	150722	REMOVE PAVEMENT MARKER	EA	20,700		
46	150742	REMOVE ROADSIDE SIGN	EA	220		
47	150757	REMOVE SIGN STRUCTURE (EA)	EA	9		
48	023664	REMOVE CROSS GUTTER	SQYD	1,250		
49	150812	REMOVE PIPE (LF)	LF	7,800		
50	150820	REMOVE INLET	EA	58		
51	150824	REMOVE SEWER MANHOLE	EA	15		
52	150826	REMOVE MANHOLE	EA	8		
53	150833	REMOVE RETAINING WALL (LF)	LF	1,300		
54	150841	REMOVE SEWER PIPE	LF	280		
55	150853	REMOVE CONCRETE PAVEMENT (SQYD)	SQYD	12,700		
56	152390	RELOCATE ROADSIDE SIGN	EA	18		
57	152430	ADJUST INLET	EA	7		
58	152440	ADJUST MANHOLE TO GRADE	EA	11		
59	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	900		
60	153121	REMOVE CONCRETE (CY)	CY	1,680		

BID ITEM LIST

07-215944

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	153211	REMOVE CONCRETE SIDEWALK AND DRIVEWAY	SQYD	15,000		
62	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	59,200		
63	153220	REMOVE CONCRETE (CHANNEL)	SQYD	2,760		
64	153221	REMOVE CONCRETE BARRIER	LF	1,110		
65	153251	REMOVE SOUND WALL (LF)	LF	9,810		
66	155003	CAP INLET	EA	19		
67	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM	LUMP SUM	
68	157552	BRIDGE REMOVAL, LOCATION B	LS	LUMP SUM	LUMP SUM	
69	157553	BRIDGE REMOVAL, LOCATION C	LS	LUMP SUM	LUMP SUM	
70	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
71	190101	ROADWAY EXCAVATION	CY	92,600		
72	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	1,250		
73	190108	ROADWAY EXCAVATION (TYPE Y-2) (AERIALY DEPOSITED LEAD)	CY	860		
74	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
75	190111	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
76 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	14,440		
77 (F)	023665	STRUCTURE EXCAVATION (BOX CULVERT)	CY	5,965		
78 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	28,434		
79 (F)	192057	STRUCTURE EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	15,499		
80 (F)	192058	STRUCTURE EXCAVATION (TYPE Y-2) (AERIALY DEPOSITED LEAD)	CY	18,493		

BID ITEM LIST

07-215944

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	24,900		
82 (F)	023666	STRUCTURE BACKFILL (BOX CULVERT)	CY	2,398		
83 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	111,945		
84 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	8,334		
85 (F)	023667	SLURRY CEMENT BACKFILL	CY	1,441		
86	198010	IMPORTED BORROW (CY)	CY	463,000		
87	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
88	200102	IMPORTED TOPSOIL (CY)	CY	790		
89	200114	ROCK BLANKET	SQYD	5,120		
90	203025	COMPOST (INCORPORATE)	SQYD	1,240		
91	203031	EROSION CONTROL (HYDROSEED) (SQFT)	SQFT	78,000		
92	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
93	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
94	206401	MAINTAIN EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
95	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
96	208028	3" SUPPLY LINE (BRIDGE)	LF	800		
97	208310	IRRIGATION SLEEVE	LF	1,510		
98	208601	4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	110		
99	023668	6" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE	LF	480		
100	208738	8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	70		

BID ITEM LIST

07-215944

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	260303	CLASS 3 AGGREGATE BASE (CY)	CY	91,200		
102	280000	LEAN CONCRETE BASE	CY	67,600		
103	023669	LEAN CONCRETE BASE (RAPID STRENGHT CONCRETE)	CY	140		
104	390131	HOT MIX ASPHALT	TON	51,800		
105	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
106	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	360		
107	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	780		
108	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	1,370		
109	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	470		
110	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	1,350		
111	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	83,200		
112	023670	JOINTED PLAIN CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	CY	260		
113	404092	SEAL PAVEMENT JOINT	LF	181,000		
114	404093	SEAL ISOLATION JOINT	LF	28,000		
115	415101	CRACK EXISTING CONCRETE PAVEMENT	SQYD	69,200		
116	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	70,689		
117	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	1,111		
118	490601	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	92,502		
119	490608	54" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,815		
120	490616	84" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	981		

BID ITEM LIST

07-215944

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	043829	FURNISH PILING (CLASS 90) (ALTERNATIVE X)	LF	248,719		
122	043830	DRIVE PILE (CLASS 90) (ALTERNATIVE X)	EA	7,258		
123	043831	FURNISH PILING (CLASS 140) (ALTERNATIVE X)	LF	8,778		
124	043832	DRIVE PILE (CLASS 140) (ALTERNATIVE X)	EA	223		
125	498016	16" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	5,220		
126	498022	24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	43		
127	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
128 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	3,940		
129 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	14,000		
130 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	40,622		
131 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	1,822		
132	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	1,340		
133 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	807		
134	510526	MINOR CONCRETE (BACKFILL)	CY	620		
135	023671	MINOR CONCRETE (SOUND WALL)	CY	3		
136 (F)	043833	PILASTER SOUND WALL	CY	295		
137 (F)	043834	ARCHITECTURAL TEXTURE (SPLIT SLATE - FRACTURED RIB)	SQFT	294,270		
138 (F)	043835	ARCHITECTURAL TREATMENT (SUNRAY - SPLIT SLATE)	SQFT	21,090		
139 (F)	043836	ARCHITECTURAL TEXTURE (SPLIT SLATE)	SQFT	16,385		
140	512277	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (80'-90')	EA	6		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	512278	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (90'-100')	EA	58		
142	512280	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (110'-120')	EA	4		
143	043837	FURNISH PRECAST PRESTRESSED CONCRETE WIDE-FLANGE GIRDER (L=158')	EA	20		
144	512500	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	88		
145 (F)	518002	SOUND WALL (MASONRY BLOCK)	SQFT	245,881		
146	519088	JOINT SEAL (MR 1")	LF	1,420		
147	519100	JOINT SEAL (MR 2")	LF	492		
148 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	4,056,500		
149 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	7,003,697		
150 (F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	LB	207,412		
151	560203	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	11,800		
152	560204	INSTALL SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	11,800		
153 (F)	560213	FURNISH SIGN STRUCTURE (LIGHTWEIGHT)	LB	14,413		
154 (F)	560214	INSTALL SIGN STRUCTURE (LIGHTWEIGHT)	LB	14,413		
155 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	218,935		
156 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	218,935		
157	560233	FURNISH FORMED PANEL SIGN (OVERHEAD)	SQFT	1,620		
158	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	880		
159	560245	FURNISH LAMINATED PANEL SIGN (1"-TYPE B)	SQFT	190		
160	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	930		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	260		
162	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	180		
163	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	160		
164	561005	36" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	52		
165	561016	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	140		
166	023672	METAL (BARRIER/WALL MOUNTED SIGN)	LB	1,820		
167	023673	ROADSIDE SIGN - ONE POST (METAL)	EA	130		
168	566011	ROADSIDE SIGN - ONE POST	EA	35		
169	566012	ROADSIDE SIGN - TWO POST	EA	11		
170	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	10		
171	023674	INSTALL SIGN PANEL ON SOUND WALL	EA	4		
172	023675	INSTALL BRIDGE MOUNTED VERTICAL CLEARANCE SIGN	EA	6		
173	597401	PAINT CURB (2-COAT)	SQFT	110		
174	023676	10" PLASTIC PIPE	LF	160		
175	650010	12" REINFORCED CONCRETE PIPE	LF	2,230		
176	650012	15" REINFORCED CONCRETE PIPE	LF	1,030		
177	650014	18" REINFORCED CONCRETE PIPE	LF	6,130		
178	650018	24" REINFORCED CONCRETE PIPE	LF	7,860		
179	650022	30" REINFORCED CONCRETE PIPE	LF	3,610		
180	650054	78" REINFORCED CONCRETE PIPE	LF	1,330		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	023677	JACKED 24" REINFORCED CONCRETE PIPE (CLASS II)	LF	1,750		
182	665018	18" CORRUGATED STEEL PIPE (.109" THICK)	LF	850		
183	665718	18" SLOTTED CORRUGATED STEEL PIPE (.168" THICK)	LF	1,080		
184	665723	24" SLOTTED CORRUGATED STEEL PIPE (.079" THICK)	LF	420		
185	703220	18" CORRUGATED STEEL PIPE RISER (.168" THICK)	LF	55		
186	703230	30" CORRUGATED STEEL PIPE RISER (.079" THICK)	LF	19		
187	703533	12" WELDED STEEL PIPE (.250" THICK)	LF	150		
188	705011	18" STEEL FLARED END SECTION	EA	9		
189	705509	12" AUTOMATIC DRAINAGE GATE	EA	1		
190	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	97		
191	714034	8" CLAY SEWER PIPE	LF	2,750		
192	717006	6" SEWER PIPE (LATERAL)	LF	390		
193	719190	SEWER MANHOLE FRAME AND COVER	EA	19		
194	719210	CONCRETE SEWER MANHOLE	EA	19		
195	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	20		
196 (F)	043838	SLOPE PAVING (SUNRAY - SPLIT SLATE)	SQFT	12,400		
197	722020	GABION	CY	25		
198	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	56		
199	731510	MINOR CONCRETE (CURB, GUTTER, SIDEWALK AND DRIVEWAY)	CY	3,720		
200	731530	MINOR CONCRETE (TEXTURED PAVING)	SQFT	25,700		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201	731623	MINOR CONCRETE (CURB RAMP)	CY	200		
202 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	119,632		
203 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	18,560		
204 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	22,170		
205	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,010		
206	023678	INSTALL MEDIAN MILEAGE PANEL	EA	20		
207	832001	METAL BEAM GUARD RAILING	LF	420		
208	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	170		
209 (F)	839521	CABLE RAILING	LF	47		
210	839541	TRANSITION RAILING (TYPE WB)	EA	2		
211	839561	RAIL TENSIONING ASSEMBLY	EA	1		
212	839578	END CAP (TYPE TC)	EA	2		
213	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	2		
214	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
215	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
216	839604	CRASH CUSHION (REACT 9CBB)	EA	1		
217	839703	CONCRETE BARRIER (TYPE 60C)	LF	320		
218	839704	CONCRETE BARRIER (TYPE 60D)	LF	610		
219	839706	CONCRETE BARRIER (TYPE 60G)	LF	4,600		
220	839709	CONCRETE BARRIER (TYPE 60GE)	LF	270		

BID ITEM LIST

07-215944

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221 (F)	043839	CONCRETE BARRIER (TYPE 60GA MODIFIED)	LF	850		
222	023679	CONCRETE BARRIER (TYPE 60GW MODIFIED)	LF	4,400		
223 (F)	839726	CONCRETE BARRIER (TYPE 736A)	LF	289		
224	839731	CONCRETE BARRIER (TYPE 736B)	LF	590		
225	023680	CONCRETE BARRIER (TYPE 736B MODIFIED)	LF	1,680		
226	023681	CONCRETE BARRIER (TYPE 736S MODIFIED)	LF	170		
227	023682	CONCRETE BARRIER (TYPE 736SV MODIFIED)	LF	1,470		
228 (F)	043840	CONCRETE BARRIER (TYPE 736 MODIFIED 1)	LF	623		
229 (F)	043841	CONCRETE BARRIER (TYPE 736 MODIFIED 2)	LF	1,030		
230 (F)	043842	CONCRETE BARRIER (TYPE 736A MODIFIED 1)	LF	270		
231 (F)	043843	CONCRETE BARRIER (TYPE 736A MODIFIED 2)	LF	17,058		
232	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	63,200		
233	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	7,250		
234	840508	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	150		
235	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	15,300		
236	840521	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	LF	730		
237	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	60,800		
238	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	15,100		
239	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	276,000		
240	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	1,570		